

September 5, 2001

Richard Sprott, Director
Division of Air Quality
Department of Environmental Quality
P.O. Box 144820
Salt Lake City, UT 84114-4820

Attention: Milka Radulovic

Dear Director Sprott,

IPSC NOTICE OF INTENT: Uprate Modification at Intermountain

On April 4, 2001, Intermountain Power Service Corporation (IPSC) submitted a Notice of Intent (NOI) to modify the Intermountain Generating Station (IGS) in Delta, Utah. IGS will be modified to uprate capacity. IPSC has submitted additional information as requested for the NOI, including corrections, additional details, and a Best Available Control Technology (BACT) analysis. IPSC has now more clearly defined the scope of this uprate project and presents herein those modifications we intend to complete.

MODIFICATIONS AFFECTING CAPACITY

1. High Pressure Turbine Retrofit:

The high pressure turbine on each unit at IGS is scheduled to be replaced with a current technology, high efficiency turbine. This unit will increase high pressure turbine efficiency from approximately 84% to over 92%. Additionally, the turbine will be sized to provide up to 8.6% additional output.

2. Cooling Tower Performance Upgrade:

The cooling towers on each unit at IGS are scheduled for performance enhancement modifications to increase heat rejection capacity. The enhancement consists of increasing cooling fill surface area by approximately 20% by constructing a new helper cooling tower for each unit. Total circulation flow rates and cycles of concentration will not change. However, flow will be reduced to the present towers by 20%, and redirected to the new helper towers to allow for a larger differential temperature change. To accommodate this expansion, cooling tower transformers feeding the cooling tower fan motors and new towers will be upgraded as well.